Electronic Acknowledgement Receipt					
EFS ID:	1956441				
Application Number:	09747428				
International Application Number:					
Confirmation Number:	1488				
Title of Invention:	Managing a layered hierarchical data set				
First Named Inventor/Applicant Name:	Neelam N. Vaidya				
Customer Number:	58328				
Filer:	Christopher P Rauch/Barbara Hannon				
Filer Authorized By:	Christopher P Rauch				
Attorney Docket Number:	0007056-0174/P5701NP/ARG/				
Receipt Date:	10-JUL-2007				
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Time Stamp:	15:29:47				
Application Type:	Utility under 35 USC 111(a)				
Payment information:					

Submitted with Payment	yes
Payment was successfully received in RAM	\$1810
RAM confirmation Number	675
Deposit Account	

## File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)	
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			645655		
1 Request for Continued Examination (RCE)	Sun_1077_RCE.pdf	045055	no	3	
		dc53a695dfc9eebea6826f086545e69a d588c661			
Warnings:					
Information	1:				
		8324			
2 Fee Worksheet (PTO-06)	fee-info.pdf	2495a2c7eccaa05aa38f789ac052te2ce 31af6b1	no	2	
Warnings:					
Information	1:				
		Total Files Size (in butes)		E0070	

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## New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

## National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.